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CLAIMS

What is claimed is:

1.	A sublamination la	ayer, comprising
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a single layer etched reference plane having a top surface and a bottom surface; a first signal layer coupled to the top surface with a first bond-ply material; a second signal layer coupled to the bottom surface with a second bond-ply material;

and

at least one of a through via.

- 2. The sublamination layer of claim 1, wherein the single layer etched reference plane comprises a metal.
 - 3. The sublamination layer of claim 2, wherein the metal is copper or nickel.
- 4. The sublamination layer of claim 1, wherein the first bond-ply material and the second bond-ply material comprise a same materials.
- 15 5. The sublamination layer of claim 4, wherein the same material is FR4 or cyanate ester.
 - 6. The sublamination layer of claim 1, wherein the first bond-ply material and the second bond-ply material do not comprise a same material.
 - 7. An electronic component comprising the sublamination layer of claim 1...
 - 8. The electronic component of claim 7, wherein the electronic component is a printed circuit board.
 - 9. An electronic product comprising the sublamination layer of claim 1.
 - 10. A method of producing a sublamination layer, comprising providing an unsupported layer of material having a top side and a bottom side; applying a photoactive resist to the top side and the bottom side of the material; exposing the top side and the bottom side with a light image; removing the photoactive resist material that is not exposed;

etching the unsupported layer of material;

cleaning the unsupported layer of material;

coupling a bonding material to the top side and bottom side of the unsupported layer; coupling a first signal layer to the bonding material coupled to the top side; and

coupling a second signal layer to the bonding material coupled to the bottom side.

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- 11. The method of claim 10, wherein the unsupported layer of material comprises a metal.
- 12. The method of claim 11, wherein the metal is copper or nickel.
- 13. The method of claim 11, wherein the bonding material is FR4 or triazine/bismalemide.
- A method for producing an electronic component, comprising:

 providing a substrate;

 coupling at least one sublamination material to the substrate; and

 coupling at least one additional layer to the sublamination material.
 - 15. The method of claim 14, wherein the substrate is a silicon wafer.
 - 16. The method of claim \(\) 4, wherein the sublamination material is the sublamination material of claim 1.
 - 17. The method of claim 14, wherein the additional layer is a laminate.
 - 18. The method of claim 14, wherein the electronic component comprises a printed circuit board.